



# ARIZONA CROPS

## January 2004

Released January 15, 2004, by the Arizona Agricultural Statistics Service and University of Arizona, College of Agriculture, 3003 N Central Avenue, Suite 950, Phoenix, Arizona 85012-2994, (602) 280-8850, Fax: (602) 280-8897, [www.nass.usda.gov/az/](http://www.nass.usda.gov/az/)

### STATE'S COTTON PRODUCTION DOWN

The Arizona Agricultural Statistics Service reported that the State's 2003 cotton crop totaled 566,000 bales, down from the final 2002 production of 630,300 bales.

Upland cotton production totaled 560,000 bales, from 213,000 acres harvested. The crop yielded 1,262 pounds per acre, compared with 1,381 pounds per acre last year. Harvested acreage, at 213,000, was unchanged from last year.

American-Pima production is estimated at 6,000 bales. The crop was harvested from 3,000 acres and yielded an average of 960 pounds per acre, compared with 1,013 pounds per acre in 2002.

### U.S. COTTON PRODUCTION UP

All cotton production is estimated at 18.2 million bales, up fractionally from last month and 6 percent more than last year's production. Yield is expected to average a record high 725 pounds per acre, up 60 pounds per acre from a year ago. Harvested area, at 12.1 million acres, is down slightly from December and 3 percent below 2002.

### COTTON: AREA HARVESTED, YIELD, AND PRODUCTION BY TYPE, STATE, AND UNITED STATES, 2001-2003

Type and State	Area Harvested			Yield			Production 1/		
	2001	2002	2003	2001	2002	2003	2001	2002	2003
	1,000 Acres			Pounds			1,000 Bales 2/		
<b>Upland</b>									
AL	605.0	540.0	510.0	730	507	772	920.0	570.0	820.0
<b>AZ</b>	290.0	213.0	213.0	1,142	1,381	1,262	690.0	613.0	560.0
AR	1,065.0	920.0	945.0	826	871	914	1,833.0	1,669.0	1,800.0
CA	625.0	477.0	545.0	1,359	1,469	1,321	1,770.0	1,460.0	1,500.0
FL	124.0	115.0	92.0	612	401	678	158.0	96.0	130.0
GA	1,480.0	1,360.0	1,290.0	720	557	781	2,220.0	1,578.0	2,100.0
KS	35.5	68.0	80.0	407	539	600	30.1	76.3	100.0
LA	855.0	495.0	510.0	580	717	955	1,034.0	739.0	1,015.0
MS	1,600.0	1,150.0	1,090.0	719	808	925	2,396.0	1,935.0	2,100.0
MO	400.0	368.0	390.0	834	796	874	695.0	610.0	710.0
NM	65.0	50.0	42.0	916	816	857	124.0	85.0	75.0
NC	965.0	920.0	770.0	832	421	686	1,673.0	806.0	1,100.0
OK	185.0	180.0	170.0	511	557	593	197.0	209.0	210.0
SC	296.0	200.0	218.0	686	314	727	423.0	131.0	330.0
TN	615.0	530.0	530.0	763	741	792	978.0	818.0	875.0
TX	4,250.0	4,500.0	4,400.0	481	538	464	4,260.0	5,040.0	4,250.0
VA	104.0	98.0	85.0	929	465	678	201.3	95.0	120.0
US	13,559.5	12,184.0	11,880.0	694	651	719	19,602.4	16,530.3	17,795.0
<b>Amer-Pima</b>									
<b>AZ</b>	7.5	8.2	3.0	928	1,013	960	14.5	17.3	6.0
CA	239.0	209.0	149.0	1,283	1,386	1,192	639.0	603.3	370.0
NM	5.2	7.1	6.0	969	1,041	880	10.5	15.4	11.0
TX	16.5	18.3	20.0	1,059	1,110	1,008	36.4	42.3	42.0
US	268.2	242.6	178.0	1,254	1,342	1,157	700.4	678.3	429.0

1/ Production ginned and to be ginned.

2/ 480-Lb. net weight bales.

# ARIZONA DURUM WHEAT SEEDINGS DECREASE AND WINTER WHEAT SEEDINGS INCREASE

Arizona durum wheat seedings for 2004, at 100,000 acres, is 13 percent below 2003. Winter wheat seeding, at 6,000 acres, is up 2,000 acres from last year.

**Durum Wheat:** Seedings in Arizona and California for 2004 harvest are estimated at 180,000 acres. This total is down 27 percent from their final 2003 acreage. Planting is ongoing in California's San Joaquin and Imperial Valleys. No major problems with the crop have been reported.

**Winter Wheat:** Planted area for harvest in 2004 is estimated at 43.5 million acres. This is down 3 percent from 2003. Seeding began last August and advanced ahead of the 5-year average pace throughout the fall. Nearly all of the U.S. acreage was seeded by December 1. Most remaining intended area is in the Southeast and California. Seeding should finish sometime next month in California.

SMALL GRAINS: AREA SEEDED, BY SELECTED STATES AND UNITED STATES, 2002-2004				
Crop and State	1,000 acres		Percent	
	2002	2003	2004	2004 as % of 2003
<b>Durum Wheat 1/</b>				
<b>AZ</b>	<b>89</b>	<b>115</b>	<b>100</b>	<b>87</b>
CA	95	130	80	62
MN	5	2		
MT	590	640		
ND	2,100	2,000		
SD	30	28		
US	2,909	2,915		
<b>Winter Wheat</b>				
<b>AZ</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>150</b>
CA	530	675	600	89
CO	2,350	2,600	2,300	88
ID	730	760	720	95
IL	680	850	1,000	118
IN	350	460	430	93
KS	9,600	10,400	9,900	95
MO	900	960	1,050	109
MT	1,450	1,800	1,850	103
NE	1,650	1,900	1,900	100
NV	6	7	6	86
NM	520	500	470	94
ND	80	130	240	185
OK	6,100	6,600	6,400	97
OR	800	970	900	93
SD	1,300	1,600	1,700	106
TX	6,400	6,600	6,200	94
UT	140	160	150	94
WA	1,800	1,850	1,750	95
WY	150	160	150	94
US	41,845	44,945	43,464	97

1/ Indicated 2004 area seeded for all six states will be published in "Prospective Plantings" released March 31, 2004.

# ARIZONA AND CALIFORNIA CITRUS PRODUCTION

Arizona's citrus crop estimated for 2003-04 is forecast as follows: lemons, 3.2 million boxes, up 7 percent from last year; grapefruit, 100,000 boxes, down 23 percent; Valencia oranges, 250,000 boxes, down 7 percent; navel and miscellaneous oranges, 220,000 boxes, up 10 percent; and tangerines, 600,000 boxes, up 40 percent from last year.

Citrus production in California is forecast as follows: lemons, 23.0 million boxes, down 4 percent; grapefruit, 5.2 million boxes, down 7 percent; Valencia oranges, 19.0 million boxes, down 10 percent; navel and miscellaneous oranges, 39.0 million boxes, down 5 percent; and tangerines, 2.5 million boxes, unchanged from the previous year.

# CITRUS FRUITS: UTILIZED PRODUCTION 2001-02, 2002-03 AND FORECASTED JANUARY 1, 2004 1/

Crop and State	Utilized Production		
	2001/02	2002/03	Forecasted 2003/04
1,000 boxes 2/			
<b>Oranges, Early</b>			
<b>Mid and Navel 3/</b>			
<b>AZ</b>	<b>270</b>	<b>200</b>	<b>220</b>
CA	32,000	41,000	39,000
FL	128,000	112,000	132,000
TX	1,530	1,350	1,300
US	161,800	154,550	172,520
<b>Oranges, Valencia</b>			
<b>AZ</b>	<b>250</b>	<b>270</b>	<b>250</b>
CA	19,500	21,000	19,000
FL	102,000	91,000	118,000
TX	210	220	230
US	121,960	112,490	137,480
<b>All Oranges</b>			
<b>AZ</b>	<b>520</b>	<b>470</b>	<b>470</b>
CA	51,500	62,000	58,000
FL	230,000	203,000	250,000
TX	1,740	1,570	1,530
US	283,760	267,040	310,000
<b>Temples</b>			
FL	1,550	1,300	1,400
<b>All Grapefruit</b>			
<b>AZ</b>	<b>160</b>	<b>130</b>	<b>100</b>
CA	5,900	5,600	5,200
FL	46,700	38,700	40,000
TX	5,900	5,650	5,300
US	58,660	50,080	50,600
<b>Tangerines</b>			
<b>AZ 4/</b>	<b>620</b>	<b>430</b>	<b>600</b>
CA 4/	2,200	2,500	2,500
FL 5/	6,600	5,500	6,700
US	9,420	8,430	9,800
<b>Lemons</b>			
<b>AZ</b>	<b>2,800</b>	<b>3,000</b>	<b>3,200</b>
CA	18,300	24,000	23,000
US	21,100	27,000	26,200
<b>Tangelos</b>			
FL	2,150	2,350	1,300

1/ The crop year begins with the bloom of the first year shown and ends with year harvest is completed.

2/ Net lbs. Per box: Oranges-AZ & CA-75; FL-90, TX-85;

Grapefruit-AZ & CA-67, FL-85, TX-80; Lemons-76, Tangelos, K-Early Citrus & Temples-90; Tangerines-AZ & CA-75, FL-95.

3/ Navel and miscellaneous varieties in AZ and CA, Early (including Navel) and mid-season varieties in FL and TX, including small quantities of tangerines in TX.

4/ Includes tangelos and tangors.

5/ 2000-01 through 2001-02 includes Robinson, Fallglo, Sunburst, Dancy, and Honey varieties; 2002-03 includes Fallglo, Sunburst, and Honey varieties only.

**CORN STOCKS UP 4 PERCENT FROM DECEMBER 2002  
ALL WHEAT STOCKS UP 15 PERCENT**

**Corn stocks** in all positions on December 1, 2003 totaled 7.94 billion bushels, up 4 percent from December 1, 2002. Of the total stocks, 5.29 billion bushels are stored on farms, up 10 percent from a year earlier. Off-farm stocks, at 2.66 billion bushels, are down 6 percent from the previous year. The September - November 2003 indicated disappearance is 3.26 billion bushels, compared with 2.97 billion bushels during the same period last year.

**All wheat** stored in all positions on December 1, 2003 totaled 1.52 billion bushels, up 15 percent from a year ago. On-farm stocks are estimated at 492 million bushels, up 28 percent from last year. Off-farm stocks, at 1.03 billion bushels, are up 10 percent from a year ago. The indicated September - November 2003 disappearance is 518 million bushels, up 20 percent from the same period a year earlier.

**Durum wheat** stocks in all positions on December 1, 2003 totaled 67.0 million bushels, down 13 percent from a year ago. On-farm stocks, at 41.4 million bushels, are down 19 percent from last year. Off-farm stocks totaled 25.6 million bushels, down 1 percent from a year ago. The indicated September - November 2003 disappearance of 20.3 million bushels is up 26 percent from the same period a year earlier.

**Barley** stocks in all positions on December 1, 2003 totaled 198 million bushels, up 16 percent from December 1, 2002. On-farm stocks are estimated at 97.2 million bushels, 17 percent above a year ago. Off-farm stocks, at 101 million bushels, are 16 percent above December 2002. Indicated disappearance during the September - November 2003 quarter totaled 43.7 million bushels, down 19 percent from the same period a year earlier.

**Grain sorghum** stored in all positions on December 1, 2003 totaled 234 million bushels, up 1 percent from a year ago. On-farm stocks, at 45.2 million bushels, are down 16 percent from last year. Off-farm stocks, at 189 million bushels, are up 6 percent from December 1, 2002. The September - November 2003 indicated disappearance from all positions is 221 million bushels, up 11 percent from the same period in 2002.

**HAY STOCKS ON FARMS, SELECTED STATES 2001-2003**

State	December 1			May 1	
	2001	2002 1/	2003	2002	2003
	1,000 Tons				
<b>AZ</b>	<b>223</b>	<b>203</b>	<b>280</b>	<b>28</b>	<b>45</b>
CA	1,961	2,235	2,048	232	200
CO	1,990	1,560	1,841	535	360
ID	2,568	2,972	2,772	444	673
MT	3,600	4,019	3,986	845	970
NV	776	881	857	111	167
NM	600	620	525	65	110
OR	1,901	2,550	2,395	183	330
UT	1,470	1,200	1,495	210	175
WA	1,513	1,620	1,620	170	285
WY	1,506	1,250	1,910	180	200
US	110,510	103,692	110,752	22,494	22,168

1/ Revised

**POTATOES: AREA PLANTED, HARVESTED, YIELD,  
AND PRODUCTION BY SEASONAL GROUP, STATE,  
AND UNITED STATES, 2003**

Seasonal Group And State	Area		Yield	Production
	Planted	Harvested		
	2003	2003	2003	2003
	1,000 Acres		Cwt	1,000 Cwt
<b>Winter 1/</b>				
CA	8.5	8.5	310	2,635
FL	6.1	5.8	240	1,392
Total	14.6	14.3	282	4,027
<b>Spring 2/</b>				
<b>AZ</b>	<b>7.6</b>	<b>7.6</b>	<b>275</b>	<b>2,090</b>
CA	19.0	19.0	440	8,360
FL	30.0	28.6	280	8,008
Hastings	21.5	20.3	280	5,684
Other FL	8.5	8.3	280	2,324
NC	19.0	17.0	175	2,975
TX	13.0	12.5	240	3,000
Total	88.6	84.7	288	24,433

1/ Carried forward from earlier estimate.

2/ 2003 revised.

**COTTONSEED: PRODUCTION BY STATE  
AND UNITED STATES 2001-2003**

STATE	Production		
	2001	2002	2003 1/
	1,000 tons		
AL	315.0	195.0	282.0
<b>AZ</b>	<b>261.0</b>	<b>232.4</b>	<b>209.0</b>
AR	708.0	627.0	690.0
CA	849.0	731.0	662.0
FL	53.0	29.0	44.0
GA	764.0	544.0	719.0
KS	11.4	28.0	39.0
LA	380.0	271.0	372.0
MS	877.0	697.0	778.0
MO	268.0	218.0	263.0
NM	47.8	35.5	31.0
NC	559.0	272.0	377.0
OK	80.0	81.0	83.0
SC	137.0	44.0	111.0
TN	351.0	291.0	327.0
TX	1,724.0	1,855.0	1,666.0
VA	67.0	33.0	41.0
US	7,452.2	6,183.9	6,694.0

1/ Estimates based on a 3-year average lint-seed ratio.

**PUBLISHED MONTHLY**

Subscription to "Arizona Crops" is free to reporters upon request and available for \$10 per year to non-reporters. Send request for order forms or address changes to Arizona Agricultural Statistics Service, 3003 N Central Ave., Suite 950, Phoenix, Arizona 85012-2994. Releases are also available through our web site @ [www.usda.gov/nass/az](http://www.usda.gov/nass/az)

Steven Manheimer, State Statistician  
Eddie Oaks, Deputy State Statistician  
Maria Bautista, Agricultural Statistician  
Clare Jervis, Agricultural Statistician  
Dennis Koong, Agricultural Statistician  
Tenopra Shepphard, Agricultural Statistician

**RELEASE DATES FOR UPCOMING NATIONAL REPORTS**

January 23 ..... Cotton Ginnings  
January 23 ..... Non-citrus Fruits and Nuts  
January 29 ..... Vegetables - Annual  
January 30 ..... Agricultural Prices  
February 10 ..... Crop Production  
February 10 ..... Cotton Ginnings  
February 13 ..... Crop Values

OFFICIAL BUSINESS

Penalty For Private Use \$300

ADDRESS SERVICE REQUESTED

[www.usda.gov/nass/](http://www.usda.gov/nass/)

### DECEMBER FARM PRICES RECEIVED INDEX DOWN 2 POINTS FROM LAST MONTH

The preliminary All Farm Products Index of Prices Received by Farmers in December, at 115, based on 1990-92=100, is 2 points (1.7 percent) below the November Index. The Livestock Products Index is down 4 points (3.4 percent) from November, while the All Crops Index is unchanged. Lower prices received for eggs, milk, lettuce, and cattle more than offset higher commodity prices for corn, soybeans, broccoli, and boilers. The seasonal change in the mix of commodities farmers sell, based on the past 3-year average, also affects the overall index. Increased average marketings of tobacco, wheat, milk, and lettuce offset decreased marketings of cattle, soybeans, grapes, and corn.

The preliminary All Farm Products Index is up 15 points (15 percent) from December 2002. The Food Commodities Index, at 118, is 4 points (3.3 percent) below last month, but 19 points (19 percent) above December 2002.

### PRICES PAID INDEX UNCHANGED

The December Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 130 percent of the 1990-92 average. The index is unchanged from November, but 5 points (4.0 percent) above December 2002. Lower prices in December for feeder cattle and gasoline offset higher prices for complete feeds, feed concentrates, feed grains, and nitrogen fertilizers.

### PRICES RECEIVED BY FARMERS: ARIZONA AND U.S., DECEMBER 2002 AND 2003 AND NOVEMBER 2003

COMMODITY	UNIT	ARIZONA			UNITED STATES		
		December 2002 Entire Month	November 2003 Entire Month	December 2003 Mid-Month	December 2002 Entire Month	November 2003 Entire Month	December 2003 Mid-Month
Upland Cotton 1/	¢ Lb	53.3	70.4	69.5	42.1	63.4	63.1
Cottonseed	\$ Ton	137.00	146.00	148.00	101.00	121.00	127.00
All Wheat 2/	\$ Cwt	---	---	---	4.06	3.59	3.63
Durum Wheat 2/	\$ Cwt	---	---	---	4.24	3.91	3.84
Winter Wheat 2/	\$ Cwt	---	---	---	3.85	3.55	3.62
All Hay Baled 3/	\$ Ton	95.00	83.00	80.00	92.60	80.70	81.30
Alfalfa Hay Baled 3/	\$ Ton	95.00	83.00	80.00	100.00	88.00	87.90
Other Hay Baled 3/	\$ Ton	90.00	80.00	78.00	74.70	64.90	66.90
Grapefruit 4/	\$ Box	14.00	14.10	15.40	14.30	16.40	15.00
Oranges 4/	\$ Box	18.90	3/	18.50	17.00	18.70	17.80
Lemons 4/	\$ Box	27.40	24.70	22.70	28.20	25.20	23.60
Tangerines 4/	\$ Box	24.20	29.90	24.70	25.80	23.00	23.20
Cows 5/	\$ Cwt	34.50	43.00	49.50	34.60	47.80	49.90
Steers and Heifers	\$ Cwt	73.80	92.30	92.50	75.10	100.00	98.60
Beef Cattle 6/	\$ Cwt	73.40	91.80	92.10	70.50	93.70	92.70
Calves	\$ Cwt	96.30	108.00	109.00	94.70	112.00	113.00
All Milk 7/	\$ Cwt	11.30	14.00	13.20	11.90	14.50	13.70

1/ Includes both spot and contract sales.

2/ Not available for Arizona.

3/ Mid-month.

4/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Oranges 75 lbs., Lemons 76 lbs., Tangerines 75 lbs.

5/ Beef cows and cull dairy cows sold for slaughter.

6/ "Cows" and "steers and heifers" combined.

7/ Preliminary; before deductions for hauling. Includes quality, quantity and other premiums. Excludes hauling subsidies.

### U.S. PRICE INDEX SUMMARY TABLE

INDEX 1990-92 = 100	2002		2003	
	November	December	November	December
Prices Received	97	100	117	115
Prices Paid	125	125	130	130
Ratio 1/	78	80	90	88

1/ Ratio of index of prices received by farmers to index of prices paid by farmers.